

Summer 2020 Goodyear Summer Internship

Name: Steven Prexta
Major: Mechanical Engineering
Mentor: Christopher Callam
Project Category: Internship



Project Description

- Goodyear is the largest American tire company and one of the largest tire companies in the whole world
- 13-week internship at the Akron Technical Center of Goodyear Tire & Rubber Company's Global Headquarters
- Worked in the Tire Vehicle Mechanics Group
- Main project of the summer was performing a parametric study on a new piece of testing equipment meant to simulate aircraft landings on rubber samples.



Project Motivation

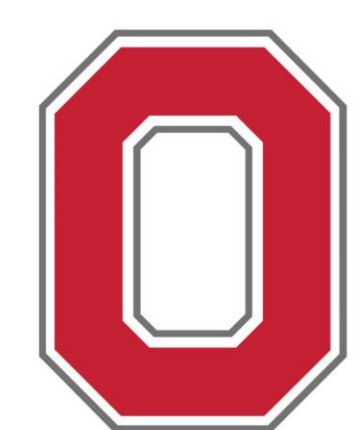
- I had secured my internship before starting STEP, so choosing any other option made little sense
- I could use all of my funds on expenses surrounding my internship and use the money I saved and money made during the internship to possibly plan a trip later if I so desired.
- The internship quite possibly could turn into a job opportunity after graduation
- Internship experience always looks good on a resume



I would include pictures of my actual job, but my work was confidential in nature, and I do not want to lose my return offer

Transformational Aspects

- Although this was not my first ever internship, it was my first that I was able to apply my engineering knowledge
 - Mechanics of Materials, MATLAB, Excel, Machining, Machine Design, CAD Drawings, etc.
- Travelled to see other testing machines being manufactured
- Networked with many other interns and engineers
- Built presentation skills
- Met Goodyear's CEO along with many other executives
 - Gained an understanding of how young people are very important in big, old companies
- Had the opportunity to give back to the community and volunteer during the workday



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Second-year Transformational
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